Claims:

1.   An isolated nucleic acid molecule comprising a sequence which encodes for a polypeptide of SEQ ID NO:2

5   2.   An isolated nucleic acid molecule comprising a sequence selected from the group consisting of:

    a)   a DNA sequence of SEQ ID NO:1;

    b)   a DNA sequence complementary to SEQ ID NO:1;

    c)   a DNA sequence comprising degenerate substitutions of SEQ ID

10 NO:1;

    d)   a RNA sequence corresponding to SEQ ID NO:1; and

    e)   a RNA sequence complementary to SEQ ID NO:1

3.   A vector containing the sequence of claim 1.

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4.   A host cell genetically engineered to contain the vector of claim 3.

5.   An isolated peptide comprising an amino acid sequence of SEQ ID NO:2.

20 6.   A method for identifying altered expression of human G1h gene in a human tissue sample comprising the steps of detecting the expression of the G1h gene and comparing said expression to the expression in a sample from a matched normal tissue.

25 7.   The method of claim 6, wherein the tissue sample comprise peripheral blood cells.

8.   The method of claim 7, wherein the peripheral blood cells are T-lymphocytes.

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9.   The method of claim 7, wherein the peripheral blood cells are obtained from

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a patient diagnosed with systemic lupus erythematosus.

10.   The method of claim 6, wherein the tissue sample comprise endothelial cells.

5   11.   The method of claim 6, wherein the tissue sample comprises malignant cells.

12.   The method of claim 6, wherein the tissue sample is amniotic fluid.